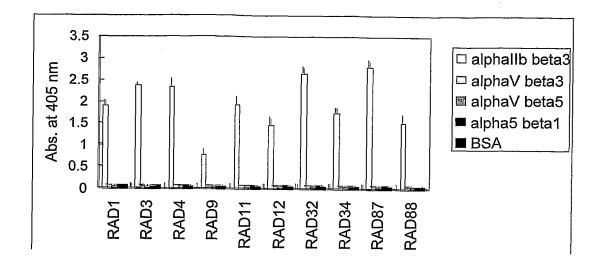
Fig.1



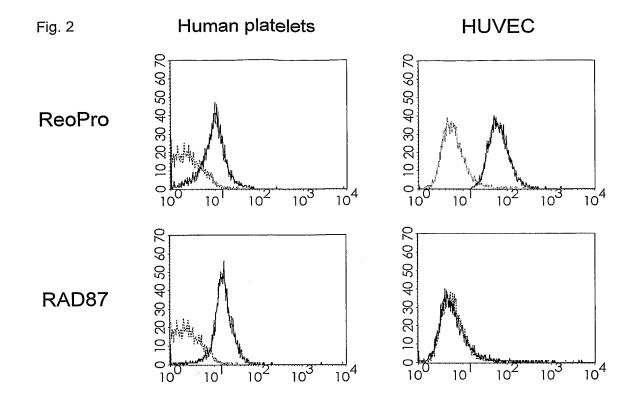
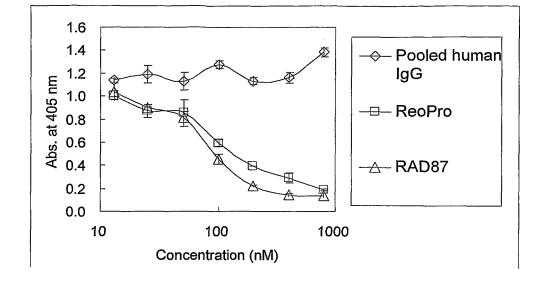
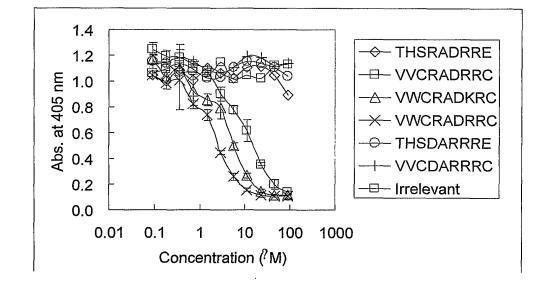


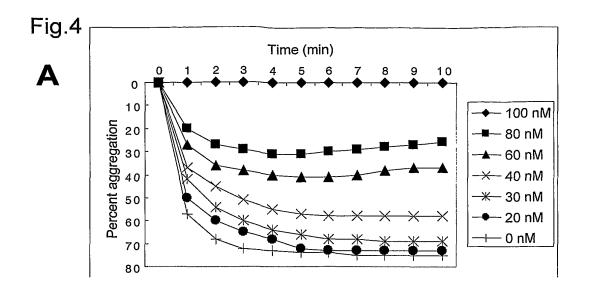
Fig.3

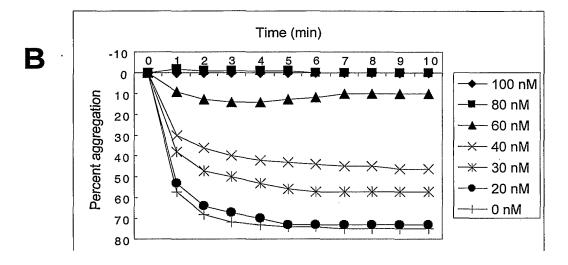












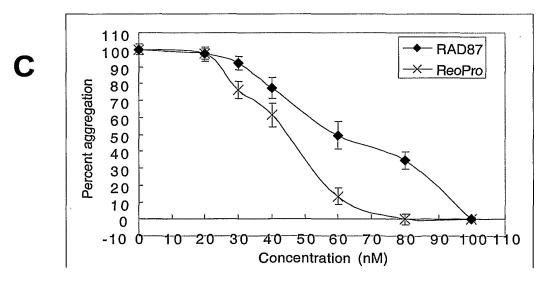
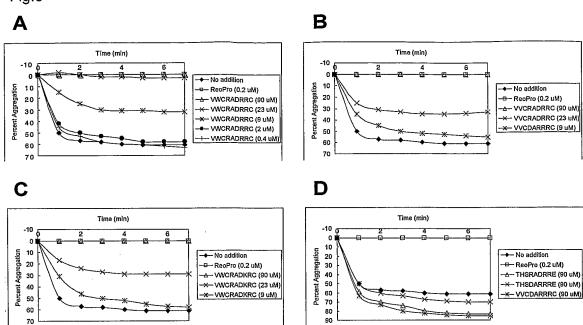


Fig.5



1		

FF									
	113 114 118	WGQGT	WGQGT	WGQGT	WGQGT	WGQGT	WGQGT	WGQGT	WGQGT
CDR3		VRVVCRADRRCYAMDV	VRVVCRADRRCYAMDV	VRVVCRADRRCYAMDV	VRVVCRADRRCYAMDV	VRVVCRADRRCYAMDV	VGVWCRADKRCYAMDV	VGVWCRADKRCYAMDV	VRTHSRADRREYAMDV
FR3	97 98	SYAMH WVRQAPGKGLEWVS AIGTGGG TYYADSVKG RFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VRVVCRADRRCYAMDV	RFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VRVVCRADRRCYAMDV	RFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR	RFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR	RFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR	RFTVSRDNSQSTAYLQINSLRAEDTAVYYCAR	RFTVSRDNSQSTAYLQINSLRAEDTAVYYCAR	WVRQAPGKGLEWVS GVSSSGITTYYAASVRG RFTISRDNSKNTLYLQMNSLRAEDTAVYYCAR VRTHSRADRREYAMDV
CDR2	50 65 66	AIGTGGG TYYADSVKG	SYAMH WVRQAPGKGLEWVS AIGTGGG TYYADSVKG	AIGTGGG TYYADSVKG	AIGTGGG TYYADSVKG	AIGTGGG TYYADSVKG	AIGTGGG TYYADSVKG	WVRQAPGKGLEWVS AIGTGGG TYYADSVKG	GVSSSGITTYYAASVRG
FR2	35 36 49 50	H WVRQAPGKGLEWVS	H WVRQAPGKGLEWVS	H WVRQAPGKGLEWVS	H WVRQAPGKGLEWVS	H WVRQAPGKGLEWVS	WVRQAPGKGLEWVS		S WVRQAPGKGLEWVS
DR1	30 31 3			S SYAMH	S FYGMS				
. FR1 CJ	3	7 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	2 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	4 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	EVQLLESGGGLVHPGGSLRLSCAGSGFTFS	2 EVQLLESGGGLVHPGGSLRLSCAGSGFTFS	RAD88 EVQLLESGGGLVHPGGSLRLSCAGSGFTFS	RAD1 EVQLLESGGGLVQPGGSLRLSCAASGFTFS
V_{H}		RAD87	RAD9	RAD12	RAD34	RAD3	RAD32 E	RAD88	RAD1

Figure (